

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	861	(52/712).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 16:43
L2	154	1 and joist	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/19 16:43

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	((("4124962") or ("4158940") or ("4223866") or ("5054755") or ("4753014") or ("4910934") or ("6523321"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 14:16
L2	626	((52/702) or (52/289)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 14:16
L3	35	("0625427"   "0717316"   "0753053"   "0770050"   "0874514"   "4594017"   "4665672"   "4744192"   "4825621").PN. OR ("5092097").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 14:24
L4	19	("3601428"   "3633950"   "3752512"   "4198175"   "4423977"   "4525972"   "4560301"   "4802786").PN. OR ("4920725").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 14:37
L5	484	((403/232.1) or (403/189)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 14:37
L6	395	5 not 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/19 14:47
L7	1724	((52/291) or (52/514) or (52/126.1)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 14:47
L8	1720	7 not (2 5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/19 14:47
L9	115	8 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/19 14:50

## EAST Search History

L10	287	8 and (joist beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/19 14:51
L11	256	10 not 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/19 14:51
L12	17	("2584015"   "3027140"   "4345734"   "4684097"   "4870789"   "5056750"). PN. OR ("5186430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 14:53
L13	11	("1748412"   "2431342"   "2815997"   "2943716"   "4435927").PN. OR ("4485607").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 14:54
L14	7	("2431342").URPN.	USPAT	OR	ON	2006/08/19 14:59
L15	2156	((52/291) or (52/741.1)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 14:59
L16	303	(52/291).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 15:00
L17	17	("1895667"   "2311170"   "2360500"   "2630606"   "3286424"   "3893273"). PN. OR ("4163348").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 15:06
L18	1926	(52/741.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 15:06
L19	593	18 and (joist beam wood wooden)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/19 15:07
L20	90	19 and (spring shim shrink shrinkage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/19 15:07

## EAST Search History

L21	11	("4856250"   "4890434"   "5303526"   "5369927"   "5377471"   "5388380").PN. OR ("5465548").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 15:09
L22	22	("1380518"   "1523372"   "2014451"   "2345419"   "3966056"   "4199907"   "4466225"   "4589792"   "4690359"   "4888926"   "5179813"   "5372466"   "5403414"   "5465548"   "5497590"   "5497593"   "5577359"   "5786849").PN. OR ("5910085").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 15:09
L23	66	("0802622"   "1195289"   "1302578"   "1339425"   "1343234"   "1491198"   "1668842"   "1692855"   "1693655"   "1752583"   "1781117"   "1911433"   "1977496"   "2167836"   "2708781"   "2996160"   "3045294"   "3271916"   "3562990"   "3596422"   "3786608").PN. OR ("4856250").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 15:14
L24	297	(52/573.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/19 15:14
L25	13	("1977496"   "2076388"   "3418996"   "3699734"   "3778954"   "4096809"   "4235172"   "4671190").PN. OR ("5205100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 15:16
L26	24	("2371300"   "2443548"   "2945568"   "3066774"   "3093218"   "3133322"   "3175652"   "3364641").PN. OR ("3699734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 15:16
L27	14	("1977496").URPN.	USPAT	OR	ON	2006/08/19 15:18
S1	8	("4124962" "4158940" "4192623" "4223866").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:13
S2	13	("3917214"   "3954248").PN. OR ("4223866").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/18 20:13
S3	18	("0508280"   "1097934"   "2176450"   "3468574"   "3481635").PN. OR ("4158940").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/18 20:14
S4	10	("2176450"   "3468574").PN. OR ("4124962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/18 20:16

## EAST Search History

S5	3769	shim with spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:17
S6	1	S5 same joist	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:17
S7	116	S5 same (beam girder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:20
S8	114	S5 and (shrink shrinkage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:23
S9	3	("2816788").URPN.	USPAT	OR	ON	2006/08/18 20:23
S10	402	shim and retrofit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:23
S11	24	S10 and (shrink shrinkage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:24
S12	210	S10 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:24
S13	49	S12 and wood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:26

## EAST Search History

S14	1120	(joist beam) adj hanger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:26
S15	27	S14 and shim	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 20:26
S16	11	("2414078"   "3374978"   "3555747"   "3562980"   "3975068"   "4296904"). PN. OR ("4558789").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/18 20:28
S17	11	("1748412"   "2431342"   "2815997"   "2943716"   "4435927").PN. OR ("4485607").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/19 14:14